

**Notice of Allowability**

Application No.

10/588,615

Examiner

Scott Bauer

Applicant(s)

GRUBER ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/09/2007.
2. ☒ The allowed claim(s) is/are 6-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 9, on line 4, after the word "same", replace the word "currentl" with --current--.

### ***Reasons for Allowance***

Claims 6-9 are allowed.

The following is an examiner's statement of reasons for allowance:

Applicants have amended the claims as suggested by the Examiner and are thus allowable.

Claim 6 is allowable because the prior art of record does not teach or fairly suggest a system comprising all the features as recited in the claims and in combination with a voltage controller adapted to be switched off and allowing for adjustment of the current limitation, an actuator, two monoflops and a short-circuiting switch (KS) with current limitation.

Claim 7 is because the prior art of record does not teach or fairly suggest a system comprising all the features as recited in the claims and in combination with unit for current detection being arranged upstream of a unit for voltage control to thereby avoid an influence of the input current on the output voltage. Kimbrough et al. teaches that the current detection device is down stream from the voltage control unit. There would be no motivation to place the unit upstream.

Claim 8 is because the prior art of record does not teach or fairly suggest system comprising all the features as recited in the claims and in combination with for switching off a plurality or all of the groups of active circuit components having respectively one protective circuit (SSG) assigned thereto, a signaling line and a control line are provided which connect the protective circuits (SSG) of the groups of active circuit components on the output side and which themselves are connected to a central monoflop so that, upon detection of a latch-up in one of the protective circuits the central monoflop is started via the signaling line whereupon, via the control line, all voltage controllers are switched off and all short-circuiting switches of the protective circuits are activated and, after lapse of a predetermined brief delay, the supply voltage is restored again by monoflops respectively provided in a plurality or all groups of active circuit components of an electronic circuit.

Claim 9 is allowable because the prior art of record does not teach or fairly suggest a system comprising all the features as recited in the claims and in combination

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with a voltage controller adapted to be switched off and allowing for adjustment of a current limitation, an actuator, a comparator for detection of undervoltage, two monoflops, a short-circuiting switch with current limitation, and at an output at least one capacitor.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Bauer whose telephone number is 571-272-5986. The examiner can normally be reached on M-F 9am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on 571-272-2084. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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A handwritten signature in black ink, appearing to read 'M. Sherry', with a date '9/29/07' written below it.

MICHAEL SHERRY  
SUPERVISORY PATENT EXAMINER